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| <b>UTILITY<br/>PATENT APPLICATION<br/>TRANSMITTAL</b><br><small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small> | Attorney Docket No. 245402007500       |   |
|   | First Inventor                         | Tomoki OHNO   |
|   | Title                                  | NITRIDE SEMICONDUCTOR LIGHT EMITTING<br>ELEMENT AND MANUFACTURING METHOD<br>THEREOF |
|   | Express Mail Label No. EV 336627325 US |   |

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| <b>APPLICATION ELEMENTS</b><br><small>See MPEP chapter 600 concerning utility patent application contents.</small> | <b>ADDRESS TO:</b><br>MS Patent Application<br>Commissioner for Patents<br>P.O. Box 1450<br>Alexandria, VA 22313-1450 |
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| 1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17)<br><small>(Submit an original, and a duplicate for fee processing) (2 pages)</small>  | 7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or<br>Computer Program (Appendix)                                |
| 2. <input type="checkbox"/> Applicant claims small entity status.<br><small>See 37 CFR 1.27.</small>  | 8. Nucleotide and/or Amino Acid Sequence Submission<br><small>(if applicable, all necessary)</small>                                  |
| 3. <input checked="" type="checkbox"/> Specification <span style="float: right;">[Total Pages 50]</span><br><small>(preferred arrangement set forth below)</small> <ul style="list-style-type: none"><li>- Descriptive title of the invention</li><li>- Cross Reference to Related Applications</li><li>- Statement Regarding Fed sponsored R &amp; D</li><li>- Reference to sequence listing, a table,<br/>or a computer program listing appendix</li><li>- Background of the Invention</li><li>- Brief Summary of the Invention</li><li>- Brief Description of the Drawings (if filed)</li><li>- Detailed Description</li><li>- Claim(s)</li><li>- Abstract of the Disclosure</li></ul> | a. <input type="checkbox"/> Computer Readable Form (CRF)  |
| 4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) <span style="float: right;">[Total Sheets 21]</span>  | b. Specification Sequence Listing on:<br>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> Paper |
| 5. Oath or Declaration <span style="float: right;">[Total Sheets 3]</span><br>a. <input checked="" type="checkbox"/> Newly executed (original or copy)<br>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d))<br><small>(for continuation/divisional with Box 18 completed)</small><br>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b><br><small>Signed statement attached deleting<br/>inventor(s) named in the prior application,<br/>see 37 CFR 1.63(d)(2) and 1.33(b).</small>  | c. <input type="checkbox"/> Statements verifying identity of above copies   |
| 6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76 (2 pages)  |   |

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| <b>ACCOMPANYING APPLICATIONS PARTS</b>  |  |
| 9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s)) (3 pages)  |  |
| 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of<br><small>(when there is an assignee) Attorney</small>  |  |
| 11. <input type="checkbox"/> English Translation Document (if applicable)   |  |
| 12. <input checked="" type="checkbox"/> Information Disclosure<br>Statement (IDS)/PTO-1449 + <input checked="" type="checkbox"/> Copies of IDS<br>copy (5 pages) Citations (4 references) |  |
| 13. <input type="checkbox"/> Preliminary Amendment  |  |
| 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)<br><small>(Should be specifically itemized)</small>  |  |
| 15. <input checked="" type="checkbox"/> Certified Copy of Priority Document(s)<br><small>(if foreign priority is claimed) (94 pages)</small>  |  |
| 16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i).<br><small>Applicant must attach form PTO/SB/35 or its equivalent.</small>                           |  |
| 17. <input type="checkbox"/> Other: <span style="border: 1px solid black; display: inline-block; width: 150px; height: 20px; vertical-align: middle;"></span>                             |  |


18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

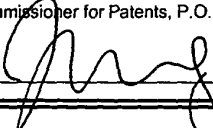
☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_ Art Unit: \_\_\_\_\_

**For CONTINUATION or DIVISIONAL APPS only:** The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

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|---|-----------------|----------------|--|
| <b>19. CORRESPONDENCE ADDRESS</b>   |                 |                |  |
| <input checked="" type="checkbox"/> Customer Number: 25226 OR <input type="checkbox"/> Correspondence address below |                 |                |  |
| Name _____  |                 |                |  |
| Address _____   |                 |                |  |
| City _____  | State _____     | Zip Code _____ |  |
| Country _____   | Telephone _____ | Fax _____      |  |

|                   |   |                                   |                    |
|-------------------|---|-----------------------------------|--------------------|
| Name (Print/Type) | Alan S. Hodas   | Registration No. (Attorney/Agent) | 38,185             |
| Signature         |  | Date                              | September 19, 2003 |

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| I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV 336627325 US, in an envelope addressed to: MS Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below. |   |
| Dated: 9/19/03   | Signature:  (Tamara Alcaraz) |

22389 U.S. PTO  
10/666805  
09/19/03

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| <h2 style="margin: 0;">FEE TRANSMITTAL</h2> <h3 style="margin: 0;">for FY 2003</h3> <p style="font-size: small; margin: 0;">Effective 01/01/2003, Patent fees are subject to annual revision.</p> |  | <b>Complete if Known</b> |                       |
|---|--|--------------------------|-----------------------|
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27  |  | Application Number       | Not Yet Assigned      |
| <b>TOTAL AMOUNT OF PAYMENT</b> (\$) <b>1,240.00</b>   |  | Filing Date              | Concurrently Herewith |
|   |  | First Named Inventor     | Tomoki OHNO           |
|   |  | Examiner Name            | Not Yet Assigned      |
|   |  | Art Unit                 | Not Yet Assigned      |
|   |  | Attorney Docket No.      | 245402007500          |

| METHOD OF PAYMENT (check all that apply)   | FEE CALCULATION (continued)   |                                  |  |  |                 |                          |                         |  |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |   |      |        |              |                |   |              |      |            |           |        |  |   |          |           |        |                    |   |  |          |      |              |     |  |  |                 |          |          |          |   |          |      |       |      |     |  |  |      |     |      |     |                                   |  |      |     |      |     |  |  |      |     |      |     |  |  |      |       |      |       |  |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
|--|---|----------------------------------|--|--|-----------------|--------------------------|-------------------------|--|----------|----------|----------|------|------|------|--------------------|-------------------------------------|------|------|------|------|-------------------|--|------|------|------|------|------------------|---------------------------|------|------|-------|------|--------------------|--|------|------|------|------|------------------------|--|---|------|--------|--------------|----------------|---|--------------|------|------------|-----------|--------|--|---|----------|-----------|--------|--------------------|---|--|----------|------|--------------|-----|--|--|-----------------|----------|----------|----------|---|----------|------|-------|------|-----|--|--|------|-----|------|-----|-----------------------------------|--|------|-----|------|-----|--|--|------|-----|------|-----|--|--|------|-------|------|-------|--|--|------|-----|------|----|----------------------------------|--|------|-------|------|-----|------------------------------------|--|------|-------|------|-----|--------------------------------|--|------|-----|------|-----|------------------|--|------|-----|------|-----|-----------------|--|------|-----|------|-----|-------------------------------|--|------|----|------|----|-------------------------------------|--|------|-----|------|-----|---|--|------|----|------|----|--|-------|------|-----|------|-----|---|--|------|-----|------|-----|---|--|------|-----|------|-----|---|--|------|-----|------|-----|---|--|
| <div style="display: flex; justify-content: space-between;"> <input type="checkbox"/> Check           <input type="checkbox"/> Credit Card           <input type="checkbox"/> Money Order           <input type="checkbox"/> Other           <input type="checkbox"/> None         </div> <div style="margin-top: 5px;"> <input checked="" type="checkbox"/> Deposit Account         </div> <div style="margin-top: 5px;">           Deposit Account Number: <span style="border: 1px solid black; padding: 2px 20px;">03-1952</span> </div> <div style="margin-top: 5px;">           Deposit Account Name: <span style="border: 1px solid black; padding: 2px 40px;">Morrison &amp; Foerster LLP</span> </div> <p style="font-size: small; margin-top: 5px;">The Director is hereby authorized to: (check all that apply)</p> <div style="display: flex; justify-content: space-between;"> <input checked="" type="checkbox"/> Charge fee(s) indicated below           <input checked="" type="checkbox"/> Credit any overpayments         </div> <div style="margin-top: 5px;"> <input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application         </div> <div style="margin-top: 5px;"> <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.         </div> | <h4 style="margin: 0;">3. ADDITIONAL FEES</h4> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td><td>For filing a request for <i>ex parte</i> reexamination</td><td></td></tr> <tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>1805</td><td>1,840*</td><td>1805</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>1251</td><td>110</td><td>2251</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>1252</td><td>410</td><td>2252</td><td>205</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>1253</td><td>930</td><td>2253</td><td>465</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>1254</td><td>1,450</td><td>2254</td><td>725</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>1255</td><td>1,970</td><td>2255</td><td>985</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>1401</td><td>320</td><td>2401</td><td>160</td><td>Notice of Appeal</td><td></td></tr> <tr><td>1402</td><td>320</td><td>2402</td><td>160</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>1403</td><td>280</td><td>2403</td><td>140</td><td>Request for oral hearing</td><td></td></tr> <tr><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>1453</td><td>1,300</td><td>2453</td><td>650</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>1501</td><td>1,300</td><td>2501</td><td>650</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>1502</td><td>470</td><td>2502</td><td>235</td><td>Design issue fee</td><td></td></tr> <tr><td>1503</td><td>630</td><td>2503</td><td>315</td><td>Plant issue fee</td><td></td></tr> <tr><td>1460</td><td>130</td><td>1460</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>1807</td><td>50</td><td>1807</td><td>50</td><td>Processing fee under 37 CFR 1.17(q)</td><td></td></tr> <tr><td>1806</td><td>180</td><td>1806</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td>40.00</td></tr> <tr><td>1809</td><td>750</td><td>2809</td><td>375</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>1810</td><td>750</td><td>2810</td><td>375</td><td>For each additional invention to be examined (37CFR 1.129(b))</td><td></td></tr> <tr><td>1801</td><td>750</td><td>2801</td><td>375</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>1802</td><td>900</td><td>1802</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> </tbody> </table> <p style="font-size: x-small; margin-top: 5px;">Other fee (specify) _____</p> <p style="font-size: x-small; margin-top: 5px;">*Reduced by Basic Filing Fee Paid</p> | Large Entity                     |  | Small Entity   |                 | Fee Description          | Fee Paid                | Fee Code   | Fee (\$) | Fee Code | Fee (\$) | 1051 | 130  | 2051 | 65                 | Surcharge - late filing fee or oath |      | 1052 | 50   | 2052 | 25                | Surcharge - late provisional filing fee or cover sheet |      | 1053 | 130  | 1053 | 130              | Non-English specification |      | 1812 | 2,520 | 1812 | 2,520              | For filing a request for <i>ex parte</i> reexamination |      | 1804 | 920* | 1804 | 920*                   | Requesting publication of SIR prior to Examiner action |   | 1805 | 1,840* | 1805         | 1,840*         | Requesting publication of SIR after Examiner action |              | 1251 | 110        | 2251      | 55     | Extension for reply within first month |   | 1252     | 410       | 2252   | 205                | Extension for reply within second month |  | 1253     | 930  | 2253         | 465 | Extension for reply within third month |  | 1254            | 1,450    | 2254     | 725      | Extension for reply within fourth month |          | 1255 | 1,970 | 2255 | 985 | Extension for reply within fifth month |  | 1401 | 320 | 2401 | 160 | Notice of Appeal                  |  | 1402 | 320 | 2402 | 160 | Filing a brief in support of an appeal |  | 1403 | 280 | 2403 | 140 | Request for oral hearing                           |  | 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding              |  | 1452 | 110 | 2452 | 55 | Petition to revive - unavoidable |  | 1453 | 1,300 | 2453 | 650 | Petition to revive - unintentional |  | 1501 | 1,300 | 2501 | 650 | Utility issue fee (or reissue) |  | 1502 | 470 | 2502 | 235 | Design issue fee |  | 1503 | 630 | 2503 | 315 | Plant issue fee |  | 1460 | 130 | 1460 | 130 | Petitions to the Commissioner |  | 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17(q) |  | 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt |  | 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) | 40.00 | 1809 | 750 | 2809 | 375 | Filing a submission after final rejection (37 CFR 1.129(a)) |  | 1810 | 750 | 2810 | 375 | For each additional invention to be examined (37CFR 1.129(b)) |  | 1801 | 750 | 2801 | 375 | Request for Continued Examination (RCE) |  | 1802 | 900 | 1802 | 900 | Request for expedited examination of a design application |  |
| Large Entity   |   | Small Entity                     |  | Fee Description  | Fee Paid        |                          |                         |  |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |   |      |        |              |                |   |              |      |            |           |        |  |   |          |           |        |                    |   |  |          |      |              |     |  |  |                 |          |          |          |   |          |      |       |      |     |  |  |      |     |      |     |                                   |  |      |     |      |     |  |  |      |     |      |     |  |  |      |       |      |       |  |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| Fee Code   | Fee (\$)  | Fee Code                         | Fee (\$)                                 |  |                 |                          |                         |  |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |   |      |        |              |                |   |              |      |            |           |        |  |   |          |           |        |                    |   |  |          |      |              |     |  |  |                 |          |          |          |   |          |      |       |      |     |  |  |      |     |      |     |                                   |  |      |     |      |     |  |  |      |     |      |     |  |  |      |       |      |       |  |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1051   | 130   | 2051                             | 65                                       | Surcharge - late filing fee or oath  |                 |                          |                         |  |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |   |      |        |              |                |   |              |      |            |           |        |  |   |          |           |        |                    |   |  |          |      |              |     |  |  |                 |          |          |          |   |          |      |       |      |     |  |  |      |     |      |     |                                   |  |      |     |      |     |  |  |      |     |      |     |  |  |      |       |      |       |  |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1052   | 50  | 2052                             | 25                                       | Surcharge - late provisional filing fee or cover sheet                     |                 |                          |                         |  |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |   |      |        |              |                |   |              |      |            |           |        |  |   |          |           |        |                    |   |  |          |      |              |     |  |  |                 |          |          |          |   |          |      |       |      |     |  |  |      |     |      |     |                                   |  |      |     |      |     |  |  |      |     |      |     |  |  |      |       |      |       |  |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1053   | 130   | 1053                             | 130                                      | Non-English specification  |                 |                          |                         |  |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |   |      |        |              |                |   |              |      |            |           |        |  |   |          |           |        |                    |   |  |          |      |              |     |  |  |                 |          |          |          |   |          |      |       |      |     |  |  |      |     |      |     |                                   |  |      |     |      |     |  |  |      |     |      |     |  |  |      |       |      |       |  |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1812   | 2,520   | 1812                             | 2,520                                    | For filing a request for <i>ex parte</i> reexamination                     |                 |                          |                         |  |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |   |      |        |              |                |   |              |      |            |           |        |  |   |          |           |        |                    |   |  |          |      |              |     |  |  |                 |          |          |          |   |          |      |       |      |     |  |  |      |     |      |     |                                   |  |      |     |      |     |  |  |      |     |      |     |  |  |      |       |      |       |  |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1804   | 920*  | 1804                             | 920*                                     | Requesting publication of SIR prior to Examiner action                     |                 |                          |                         |  |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |   |      |        |              |                |   |              |      |            |           |        |  |   |          |           |        |                    |   |  |          |      |              |     |  |  |                 |          |          |          |   |          |      |       |      |     |  |  |      |     |      |     |                                   |  |      |     |      |     |  |  |      |     |      |     |  |  |      |       |      |       |  |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1805   | 1,840*  | 1805                             | 1,840*                                   | Requesting publication of SIR after Examiner action                        |                 |                          |                         |  |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |   |      |        |              |                |   |              |      |            |           |        |  |   |          |           |        |                    |   |  |          |      |              |     |  |  |                 |          |          |          |   |          |      |       |      |     |  |  |      |     |      |     |                                   |  |      |     |      |     |  |  |      |     |      |     |  |  |      |       |      |       |  |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1251   | 110   | 2251                             | 55                                       | Extension for reply within first month                                     |                 |                          |                         |  |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |   |      |        |              |                |   |              |      |            |           |        |  |   |          |           |        |                    |   |  |          |      |              |     |  |  |                 |          |          |          |   |          |      |       |      |     |  |  |      |     |      |     |                                   |  |      |     |      |     |  |  |      |     |      |     |  |  |      |       |      |       |  |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1252   | 410   | 2252                             | 205                                      | Extension for reply within second month                                    |                 |                          |                         |  |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |   |      |        |              |                |   |              |      |            |           |        |  |   |          |           |        |                    |   |  |          |      |              |     |  |  |                 |          |          |          |   |          |      |       |      |     |  |  |      |     |      |     |                                   |  |      |     |      |     |  |  |      |     |      |     |  |  |      |       |      |       |  |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1253   | 930   | 2253                             | 465                                      | Extension for reply within third month                                     |                 |                          |                         |  |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |   |      |        |              |                |   |              |      |            |           |        |  |   |          |           |        |                    |   |  |          |      |              |     |  |  |                 |          |          |          |   |          |      |       |      |     |  |  |      |     |      |     |                                   |  |      |     |      |     |  |  |      |     |      |     |  |  |      |       |      |       |  |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1254   | 1,450   | 2254                             | 725                                      | Extension for reply within fourth month                                    |                 |                          |                         |  |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |   |      |        |              |                |   |              |      |            |           |        |  |   |          |           |        |                    |   |  |          |      |              |     |  |  |                 |          |          |          |   |          |      |       |      |     |  |  |      |     |      |     |                                   |  |      |     |      |     |  |  |      |     |      |     |  |  |      |       |      |       |  |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1255   | 1,970   | 2255                             | 985                                      | Extension for reply within fifth month                                     |                 |                          |                         |  |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |   |      |        |              |                |   |              |      |            |           |        |  |   |          |           |        |                    |   |  |          |      |              |     |  |  |                 |          |          |          |   |          |      |       |      |     |  |  |      |     |      |     |                                   |  |      |     |      |     |  |  |      |     |      |     |  |  |      |       |      |       |  |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1401   | 320   | 2401                             | 160                                      | Notice of Appeal   |                 |                          |                         |  |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |   |      |        |              |                |   |              |      |            |           |        |  |   |          |           |        |                    |   |  |          |      |              |     |  |  |                 |          |          |          |   |          |      |       |      |     |  |  |      |     |      |     |                                   |  |      |     |      |     |  |  |      |     |      |     |  |  |      |       |      |       |  |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1402   | 320   | 2402                             | 160                                      | Filing a brief in support of an appeal                                     |                 |                          |                         |  |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |   |      |        |              |                |   |              |      |            |           |        |  |   |          |           |        |                    |   |  |          |      |              |     |  |  |                 |          |          |          |   |          |      |       |      |     |  |  |      |     |      |     |                                   |  |      |     |      |     |  |  |      |     |      |     |  |  |      |       |      |       |  |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1403   | 280   | 2403                             | 140                                      | Request for oral hearing   |                 |                          |                         |  |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |   |      |        |              |                |   |              |      |            |           |        |  |   |          |           |        |                    |   |  |          |      |              |     |  |  |                 |          |          |          |   |          |      |       |      |     |  |  |      |     |      |     |                                   |  |      |     |      |     |  |  |      |     |      |     |  |  |      |       |      |       |  |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1451   | 1,510   | 1451                             | 1,510                                    | Petition to institute a public use proceeding                              |                 |                          |                         |  |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |   |      |        |              |                |   |              |      |            |           |        |  |   |          |           |        |                    |   |  |          |      |              |     |  |  |                 |          |          |          |   |          |      |       |      |     |  |  |      |     |      |     |                                   |  |      |     |      |     |  |  |      |     |      |     |  |  |      |       |      |       |  |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1452   | 110   | 2452                             | 55                                       | Petition to revive - unavoidable   |                 |                          |                         |  |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |   |      |        |              |                |   |              |      |            |           |        |  |   |          |           |        |                    |   |  |          |      |              |     |  |  |                 |          |          |          |   |          |      |       |      |     |  |  |      |     |      |     |                                   |  |      |     |      |     |  |  |      |     |      |     |  |  |      |       |      |       |  |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1453   | 1,300   | 2453                             | 650                                      | Petition to revive - unintentional   |                 |                          |                         |  |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |   |      |        |              |                |   |              |      |            |           |        |  |   |          |           |        |                    |   |  |          |      |              |     |  |  |                 |          |          |          |   |          |      |       |      |     |  |  |      |     |      |     |                                   |  |      |     |      |     |  |  |      |     |      |     |  |  |      |       |      |       |  |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1501   | 1,300   | 2501                             | 650                                      | Utility issue fee (or reissue)   |                 |                          |                         |  |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |   |      |        |              |                |   |              |      |            |           |        |  |   |          |           |        |                    |   |  |          |      |              |     |  |  |                 |          |          |          |   |          |      |       |      |     |  |  |      |     |      |     |                                   |  |      |     |      |     |  |  |      |     |      |     |  |  |      |       |      |       |  |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1502   | 470   | 2502                             | 235                                      | Design issue fee   |                 |                          |                         |  |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |   |      |        |              |                |   |              |      |            |           |        |  |   |          |           |        |                    |   |  |          |      |              |     |  |  |                 |          |          |          |   |          |      |       |      |     |  |  |      |     |      |     |                                   |  |      |     |      |     |  |  |      |     |      |     |  |  |      |       |      |       |  |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1503   | 630   | 2503                             | 315                                      | Plant issue fee  |                 |                          |                         |  |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |   |      |        |              |                |   |              |      |            |           |        |  |   |          |           |        |                    |   |  |          |      |              |     |  |  |                 |          |          |          |   |          |      |       |      |     |  |  |      |     |      |     |                                   |  |      |     |      |     |  |  |      |     |      |     |  |  |      |       |      |       |  |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1460   | 130   | 1460                             | 130                                      | Petitions to the Commissioner  |                 |                          |                         |  |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |   |      |        |              |                |   |              |      |            |           |        |  |   |          |           |        |                    |   |  |          |      |              |     |  |  |                 |          |          |          |   |          |      |       |      |     |  |  |      |     |      |     |                                   |  |      |     |      |     |  |  |      |     |      |     |  |  |      |       |      |       |  |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1807   | 50  | 1807                             | 50                                       | Processing fee under 37 CFR 1.17(q)  |                 |                          |                         |  |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |   |      |        |              |                |   |              |      |            |           |        |  |   |          |           |        |                    |   |  |          |      |              |     |  |  |                 |          |          |          |   |          |      |       |      |     |  |  |      |     |      |     |                                   |  |      |     |      |     |  |  |      |     |      |     |  |  |      |       |      |       |  |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1806   | 180   | 1806                             | 180                                      | Submission of Information Disclosure Stmt                                  |                 |                          |                         |  |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |   |      |        |              |                |   |              |      |            |           |        |  |   |          |           |        |                    |   |  |          |      |              |     |  |  |                 |          |          |          |   |          |      |       |      |     |  |  |      |     |      |     |                                   |  |      |     |      |     |  |  |      |     |      |     |  |  |      |       |      |       |  |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 8021   | 40  | 8021                             | 40                                       | Recording each patent assignment per property (times number of properties) | 40.00           |                          |                         |  |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |   |      |        |              |                |   |              |      |            |           |        |  |   |          |           |        |                    |   |  |          |      |              |     |  |  |                 |          |          |          |   |          |      |       |      |     |  |  |      |     |      |     |                                   |  |      |     |      |     |  |  |      |     |      |     |  |  |      |       |      |       |  |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1809   | 750   | 2809                             | 375                                      | Filing a submission after final rejection (37 CFR 1.129(a))                |                 |                          |                         |  |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |   |      |        |              |                |   |              |      |            |           |        |  |   |          |           |        |                    |   |  |          |      |              |     |  |  |                 |          |          |          |   |          |      |       |      |     |  |  |      |     |      |     |                                   |  |      |     |      |     |  |  |      |     |      |     |  |  |      |       |      |       |  |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1810   | 750   | 2810                             | 375                                      | For each additional invention to be examined (37CFR 1.129(b))              |                 |                          |                         |  |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |   |      |        |              |                |   |              |      |            |           |        |  |   |          |           |        |                    |   |  |          |      |              |     |  |  |                 |          |          |          |   |          |      |       |      |     |  |  |      |     |      |     |                                   |  |      |     |      |     |  |  |      |     |      |     |  |  |      |       |      |       |  |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1801   | 750   | 2801                             | 375                                      | Request for Continued Examination (RCE)                                    |                 |                          |                         |  |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |   |      |        |              |                |   |              |      |            |           |        |  |   |          |           |        |                    |   |  |          |      |              |     |  |  |                 |          |          |          |   |          |      |       |      |     |  |  |      |     |      |     |                                   |  |      |     |      |     |  |  |      |     |      |     |  |  |      |       |      |       |  |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1802   | 900   | 1802                             | 900                                      | Request for expedited examination of a design application                  |                 |                          |                         |  |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |   |      |        |              |                |   |              |      |            |           |        |  |   |          |           |        |                    |   |  |          |      |              |     |  |  |                 |          |          |          |   |          |      |       |      |     |  |  |      |     |      |     |                                   |  |      |     |      |     |  |  |      |     |      |     |  |  |      |       |      |       |  |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| <h4 style="margin: 0;">1. BASIC FILING FEE</h4> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1001</td><td>750</td><td>2001</td><td>375</td><td>Utility filing fee</td><td>750.00</td></tr> <tr><td>1002</td><td>330</td><td>2002</td><td>165</td><td>Design filing fee</td><td></td></tr> <tr><td>1003</td><td>520</td><td>2003</td><td>260</td><td>Plant filing fee</td><td></td></tr> <tr><td>1004</td><td>750</td><td>2004</td><td>375</td><td>Reissue filing fee</td><td></td></tr> <tr><td>1005</td><td>160</td><td>2005</td><td>80</td><td>Provisional filing fee</td><td></td></tr> </tbody> </table> <p style="text-align: right; margin-top: 5px;"><b>SUBTOTAL (1)</b> (\$) <b>750.00</b></p>   | Large Entity  |                                  | Small Entity                             |  | Fee Description | Fee Paid                 | Fee Code                | Fee (\$)   | Fee Code | Fee (\$) | 1001     | 750  | 2001 | 375  | Utility filing fee | 750.00                              | 1002 | 330  | 2002 | 165  | Design filing fee |  | 1003 | 520  | 2003 | 260  | Plant filing fee |                           | 1004 | 750  | 2004  | 375  | Reissue filing fee |  | 1005 | 160  | 2005 | 80   | Provisional filing fee |  | <h4 style="margin: 0;">2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE</h4> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th colspan="2"></th> <th>Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Total Claims</td> <td>31</td> <td>-20** = 11</td> <td>x 18.00 =</td> <td>198.00</td> </tr> <tr> <td>Independent Claims</td> <td>6</td> <td>-3** = 3</td> <td>x 84.00 =</td> <td>252.00</td> </tr> <tr> <td>Multiple Dependent</td> <td></td> <td></td> <td>280.00 =</td> <td>0.00</td> </tr> </tbody> </table><br><table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1202</td><td>18</td><td>2202</td><td>9</td><td>Claims in excess of 20</td><td></td></tr> <tr><td>1201</td><td>84</td><td>2201</td><td>42</td><td>Independent claims in excess of 3</td><td></td></tr> <tr><td>1203</td><td>280</td><td>2203</td><td>140</td><td>Multiple dependent claim, if not paid</td><td></td></tr> <tr><td>1204</td><td>84</td><td>2204</td><td>42</td><td>** Reissue independent claims over original patent</td><td></td></tr> <tr><td>1205</td><td>18</td><td>2205</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td><td></td></tr> </tbody> </table> <p style="text-align: right; margin-top: 5px;"><b>SUBTOTAL (2)</b> (\$) <b>450.00</b></p> <p style="font-size: x-small; margin-top: 5px;">**or number previously paid, if greater; For Reissues, see above</p> |      |        | Extra Claims | Fee from below | Fee Paid  | Total Claims | 31   | -20** = 11 | x 18.00 = | 198.00 | Independent Claims                     | 6 | -3** = 3 | x 84.00 = | 252.00 | Multiple Dependent |   |  | 280.00 = | 0.00 | Large Entity |     | Small Entity                           |  | Fee Description | Fee Paid | Fee Code | Fee (\$) | Fee Code                                | Fee (\$) | 1202 | 18    | 2202 | 9   | Claims in excess of 20                 |  | 1201 | 84  | 2201 | 42  | Independent claims in excess of 3 |  | 1203 | 280 | 2203 | 140 | Multiple dependent claim, if not paid  |  | 1204 | 84  | 2204 | 42  | ** Reissue independent claims over original patent |  | 1205 | 18    | 2205 | 9     | ** Reissue claims in excess of 20 and over original patent |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| Large Entity   |   | Small Entity                     |  | Fee Description  |                 |                          | Fee Paid                |  |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |   |      |        |              |                |   |              |      |            |           |        |  |   |          |           |        |                    |   |  |          |      |              |     |  |  |                 |          |          |          |   |          |      |       |      |     |  |  |      |     |      |     |                                   |  |      |     |      |     |  |  |      |     |      |     |  |  |      |       |      |       |  |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| Fee Code   | Fee (\$)  | Fee Code                         | Fee (\$)                                 |  |                 |                          |                         |  |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |   |      |        |              |                |   |              |      |            |           |        |  |   |          |           |        |                    |   |  |          |      |              |     |  |  |                 |          |          |          |   |          |      |       |      |     |  |  |      |     |      |     |                                   |  |      |     |      |     |  |  |      |     |      |     |  |  |      |       |      |       |  |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1001   | 750   | 2001                             | 375                                      | Utility filing fee   | 750.00          |                          |                         |  |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |   |      |        |              |                |   |              |      |            |           |        |  |   |          |           |        |                    |   |  |          |      |              |     |  |  |                 |          |          |          |   |          |      |       |      |     |  |  |      |     |      |     |                                   |  |      |     |      |     |  |  |      |     |      |     |  |  |      |       |      |       |  |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1002   | 330   | 2002                             | 165                                      | Design filing fee  |                 |                          |                         |  |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |   |      |        |              |                |   |              |      |            |           |        |  |   |          |           |        |                    |   |  |          |      |              |     |  |  |                 |          |          |          |   |          |      |       |      |     |  |  |      |     |      |     |                                   |  |      |     |      |     |  |  |      |     |      |     |  |  |      |       |      |       |  |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1003   | 520   | 2003                             | 260                                      | Plant filing fee   |                 |                          |                         |  |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |   |      |        |              |                |   |              |      |            |           |        |  |   |          |           |        |                    |   |  |          |      |              |     |  |  |                 |          |          |          |   |          |      |       |      |     |  |  |      |     |      |     |                                   |  |      |     |      |     |  |  |      |     |      |     |  |  |      |       |      |       |  |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1004   | 750   | 2004                             | 375                                      | Reissue filing fee   |                 |                          |                         |  |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |   |      |        |              |                |   |              |      |            |           |        |  |   |          |           |        |                    |   |  |          |      |              |     |  |  |                 |          |          |          |   |          |      |       |      |     |  |  |      |     |      |     |                                   |  |      |     |      |     |  |  |      |     |      |     |  |  |      |       |      |       |  |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1005   | 160   | 2005                             | 80                                       | Provisional filing fee   |                 |                          |                         |  |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |   |      |        |              |                |   |              |      |            |           |        |  |   |          |           |        |                    |   |  |          |      |              |     |  |  |                 |          |          |          |   |          |      |       |      |     |  |  |      |     |      |     |                                   |  |      |     |      |     |  |  |      |     |      |     |  |  |      |       |      |       |  |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
|  |   | Extra Claims                     | Fee from below                           | Fee Paid   |                 |                          |                         |  |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |   |      |        |              |                |   |              |      |            |           |        |  |   |          |           |        |                    |   |  |          |      |              |     |  |  |                 |          |          |          |   |          |      |       |      |     |  |  |      |     |      |     |                                   |  |      |     |      |     |  |  |      |     |      |     |  |  |      |       |      |       |  |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| Total Claims   | 31  | -20** = 11                       | x 18.00 =                                | 198.00   |                 |                          |                         |  |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |   |      |        |              |                |   |              |      |            |           |        |  |   |          |           |        |                    |   |  |          |      |              |     |  |  |                 |          |          |          |   |          |      |       |      |     |  |  |      |     |      |     |                                   |  |      |     |      |     |  |  |      |     |      |     |  |  |      |       |      |       |  |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| Independent Claims   | 6   | -3** = 3                         | x 84.00 =                                | 252.00   |                 |                          |                         |  |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |   |      |        |              |                |   |              |      |            |           |        |  |   |          |           |        |                    |   |  |          |      |              |     |  |  |                 |          |          |          |   |          |      |       |      |     |  |  |      |     |      |     |                                   |  |      |     |      |     |  |  |      |     |      |     |  |  |      |       |      |       |  |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| Multiple Dependent   |   |                                  | 280.00 =                                 | 0.00   |                 |                          |                         |  |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |   |      |        |              |                |   |              |      |            |           |        |  |   |          |           |        |                    |   |  |          |      |              |     |  |  |                 |          |          |          |   |          |      |       |      |     |  |  |      |     |      |     |                                   |  |      |     |      |     |  |  |      |     |      |     |  |  |      |       |      |       |  |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| Large Entity   |   | Small Entity                     |  | Fee Description  | Fee Paid        |                          |                         |  |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |   |      |        |              |                |   |              |      |            |           |        |  |   |          |           |        |                    |   |  |          |      |              |     |  |  |                 |          |          |          |   |          |      |       |      |     |  |  |      |     |      |     |                                   |  |      |     |      |     |  |  |      |     |      |     |  |  |      |       |      |       |  |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| Fee Code   | Fee (\$)  | Fee Code                         | Fee (\$)                                 |  |                 |                          |                         |  |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |   |      |        |              |                |   |              |      |            |           |        |  |   |          |           |        |                    |   |  |          |      |              |     |  |  |                 |          |          |          |   |          |      |       |      |     |  |  |      |     |      |     |                                   |  |      |     |      |     |  |  |      |     |      |     |  |  |      |       |      |       |  |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1202   | 18  | 2202                             | 9  | Claims in excess of 20   |                 |                          |                         |  |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |   |      |        |              |                |   |              |      |            |           |        |  |   |          |           |        |                    |   |  |          |      |              |     |  |  |                 |          |          |          |   |          |      |       |      |     |  |  |      |     |      |     |                                   |  |      |     |      |     |  |  |      |     |      |     |  |  |      |       |      |       |  |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1201   | 84  | 2201                             | 42                                       | Independent claims in excess of 3  |                 |                          |                         |  |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |   |      |        |              |                |   |              |      |            |           |        |  |   |          |           |        |                    |   |  |          |      |              |     |  |  |                 |          |          |          |   |          |      |       |      |     |  |  |      |     |      |     |                                   |  |      |     |      |     |  |  |      |     |      |     |  |  |      |       |      |       |  |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1203   | 280   | 2203                             | 140                                      | Multiple dependent claim, if not paid                                      |                 |                          |                         |  |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |   |      |        |              |                |   |              |      |            |           |        |  |   |          |           |        |                    |   |  |          |      |              |     |  |  |                 |          |          |          |   |          |      |       |      |     |  |  |      |     |      |     |                                   |  |      |     |      |     |  |  |      |     |      |     |  |  |      |       |      |       |  |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1204   | 84  | 2204                             | 42                                       | ** Reissue independent claims over original patent                         |                 |                          |                         |  |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |   |      |        |              |                |   |              |      |            |           |        |  |   |          |           |        |                    |   |  |          |      |              |     |  |  |                 |          |          |          |   |          |      |       |      |     |  |  |      |     |      |     |                                   |  |      |     |      |     |  |  |      |     |      |     |  |  |      |       |      |       |  |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| 1205   | 18  | 2205                             | 9  | ** Reissue claims in excess of 20 and over original patent                 |                 |                          |                         |  |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |   |      |        |              |                |   |              |      |            |           |        |  |   |          |           |        |                    |   |  |          |      |              |     |  |  |                 |          |          |          |   |          |      |       |      |     |  |  |      |     |      |     |                                   |  |      |     |      |     |  |  |      |     |      |     |  |  |      |       |      |       |  |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| <h4 style="margin: 0;">SUBMITTED BY</h4> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <tr> <td style="width: 50%;">Name (Print/Type) Alan S. Hodess</td> <td style="width: 20%;">Registration No. (Attorney/Agent) 38,185</td> <td style="width: 30%;">Complete (if applicable)</td> </tr> <tr> <td>Signature </td> <td>Telephone (650) 813-5622</td> <td>Date September 19, 2003</td> </tr> </table>  |   | Name (Print/Type) Alan S. Hodess | Registration No. (Attorney/Agent) 38,185 | Complete (if applicable)   | Signature       | Telephone (650) 813-5622 | Date September 19, 2003 | <h4 style="margin: 0;">FEE CALCULATION (continued)</h4> <p style="text-align: right; margin-top: 5px;"><b>SUBTOTAL (3)</b> (\$) <b>40.00</b></p> |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |   |      |        |              |                |   |              |      |            |           |        |  |   |          |           |        |                    |   |  |          |      |              |     |  |  |                 |          |          |          |   |          |      |       |      |     |  |  |      |     |      |     |                                   |  |      |     |      |     |  |  |      |     |      |     |  |  |      |       |      |       |  |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| Name (Print/Type) Alan S. Hodess   | Registration No. (Attorney/Agent) 38,185  | Complete (if applicable)         |  |  |                 |                          |                         |  |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |   |      |        |              |                |   |              |      |            |           |        |  |   |          |           |        |                    |   |  |          |      |              |     |  |  |                 |          |          |          |   |          |      |       |      |     |  |  |      |     |      |     |                                   |  |      |     |      |     |  |  |      |     |      |     |  |  |      |       |      |       |  |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |
| Signature  | Telephone (650) 813-5622  | Date September 19, 2003          |  |  |                 |                          |                         |  |          |          |          |      |      |      |                    |                                     |      |      |      |      |                   |  |      |      |      |      |                  |                           |      |      |       |      |                    |  |      |      |      |      |                        |  |   |      |        |              |                |   |              |      |            |           |        |  |   |          |           |        |                    |   |  |          |      |              |     |  |  |                 |          |          |          |   |          |      |       |      |     |  |  |      |     |      |     |                                   |  |      |     |      |     |  |  |      |     |      |     |  |  |      |       |      |       |  |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |       |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |